

ORIGINAL

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Form 3

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION

Illinois Commerce Commission
RAIL SAFETY SECTION

Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d)

X-12301

T04-0078

Date: April 15, 2005

To the Illinois Commerce Commission:

The petitioner **Ameren Energy Resources Generating Company (AERG)** shows

700044⁰

- (1) That it operates a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.
- (3) That the location of the crossing, the nature of protection now established and proposed to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are

**to provide rail access to the AERG Duck Creek Plant via the Keokuk Junction Railway Company.
All pursuant to ICC order T04-0078.**

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for hearing, and that the Commission enter an order or adopt a resolution consenting to and granting authority for the making of the said proposed changes in or additions to crossing protection.

**Ameren Energy Resources Generating
Company**

By Charles R. Henderson
Charles R. Henderson
Managing Executive
314-554-3158

Thomas M. Byrne
(Attorney for Petitioner)

Thomas M. Byrne
1901 Chouteau Avenue, M/C 1310
St. Louis, MO 63103
(Attorney's Address)

DOCKETED

Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Ill. Adm. Code 1535.400(d).

1. Name of Petitioner Ameren Energy Resources Generating Company (AERG)
2. Crossing Number Pending
3. Village or City East of the City of Canton, Illinois (approximately 2 miles)
4. Name of Street or Highway FAP Route 689 (IL 9)
5. Public Agency Maintaining Highway IDOT Region 3 District 4 Office, Peoria, Illinois
6. Protection now established: (Give full description. Indicate the hours of any manual protection.)
None.
7. Protection desired: (Give details)
Automatic flashing light signals and two quadrant gates with GCP crossing predictor.
8. Number of main tracks (1) AERG Other tracks N/A
 Spur Lead
 Track
9. Number of passenger train movements: 6 a.m. to 6 p.m. 0 6 p.m. to 6 a.m. 0
10. Number of freight train movements: 6 a.m. to 6 p.m. 1 6 p.m. to 6 a.m. 1
11. Approximate number of switch movements: 6 a.m. to 6 p.m. 0 6 p.m. to 6 a.m. 0
12. Maximum speed of trains at crossing on each track in each direction
 Track 1 N/E Bound 25 mph S/W Bound 25 mph
 Track 2 N/E Bound N/A mph S/W Bound N/A mph
 Track 3 N/E Bound N/A mph S/W Bound N/A mph
13. Passenger platforms served by tracks within the limits of track circuits, if any N/A
14. Where automatic signals or gates are proposed, approximately number of train or engine movements daily which would cause false indications or operation 1

15. Nature and approximate amount of street or highway traffic over crossing
is mostly vehicular with approximately six thousand seven hundred vehicles per day.
16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:
- (a) Width and surface of highway.
 - (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
 - (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
 - (d) Where automatic protection is proposed, show proposed location of signals (sidelights, cantilevers, etc., if any).
 - (e) Show the length of each operation track section within the control limits of the crossing protection and its function.

ADDITIONAL INFORMATION

1 sheet 11"x17" Illinois SR 9 Crossing Detail by Design Nine, Inc. 1/19/05

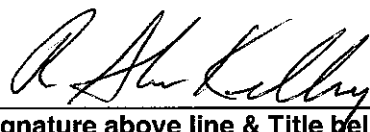
1 sheet Full Size Illinois SR 9 Crossing Exhibit by Design Nine, Inc. 3/24/05

2 sheets 8-1/2" x 11" Bill Material Illinois SR 9 Signals and Instrumentation by Allpress and Moore 12/6/04

5 sheets 8-1/2" x 14" Typical Circuits by Allpress and Moore 12/6/04

VERIFICATION

I, Alan R. Kelley, first being duly sworn upon oath depose and say that I am President
Generation of Ameren Energy Resources Generating Company, an Illinois corporation; that I have read the
above and foregoing petition by me subscribed and know the contents thereof; that said contents are true in
substance and in fact, except as to those matters stated upon information and belief, and as to those, I believe
same to be true.



(Signature above line & Title below line)
President

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Illinois Commerce Commission
RAIL SAFETY SECTION

ILLINOIS SR 9
BILL OF MATERIALS

NOTE = Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-in-service of the warning signal system.

INSTRUMENT BUNGALOW

1 each =	GCP 3000-D2 predictor-redundant, IPI island, key board display & (No dax modules)	Safetran Systems
1 each =	Track & battery surge panel (80026-1)	" "
1 each =	500 ohm normal relay (400000)	" "
1 each =	500 ohm H.D. relay (400023)	" "
1 each =	194 ohm S.R. relay (3.0 - 3.75 sec.) (400200)	" "
1 each =	60 ohm flasher relay with flash-pak (400700-x)	" "
4 each =	relay socket assembly with crimp tabs (420000-43x)	" "
4 each =	voltage test kits (420000-46x)	" "
4 each =	variable resistors .63 ohm (029602-1x)	" "
1 each =	variable resistor 10 ohm (029603-5x)	" "
1 each =	variable resistor 2 ohm (029602-6x)	" "
1 each =	relay wrench assembly (032619-22x)	" "
6 each =	padlocks hex type 030399-16x)	" "
1 each =	40 ETC-12 V.	Railway Equip
1 each =	20 ETC-12 V.	" "
1 set =	7 cells of 475 aph. mtc. free battery	GNB.
1 set =	6 cells of 368 aph. mtc. free battery	"
1 lot =	2 3/8" terminal block	various vend.
1 lot =	(1 x 12 or 2 x 6) terminal strips	" "
1 lot =	1" test links (ug. cable @ bungalow & signal jct. box)	" "
1 lot =	circuit tags	" "
1 lot =	No. #6 wire for battery charging circuits	" "
1 each =	Secondary surge arrestor	" "
1 lot =	No #10 tc wire	Okonite
1 lot =	No #16 tc wire	"
1 lot =	Insulated ring terminals (no. #10-12 & #14-16)	Tyco Ind.
1 lot =	Ring terminals (no. #6 with 1/4" stud size)	" "
1 each =	6' x 6' alum. bungalow with the following: telescoping foundations, breaker box, lights, conv. outlets, shelves, heater, vent fan, front & back doors, backboard, plywood on left & right walls, two-step battery rack, 2 each power-off lights, 1 each S.& C. strobe light & relay filler plates.	PTMW. Inc.

SIGNAL HARDWARE

- | | | |
|----------|---|------------|
| 1 each = | Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights on mast, high wind guard, jct. box base, Railroad Crossing sign, electronic bell & all necessary hardware. | W.C. Hayes |
| 1 each = | Same as above except no bell | |

INSTALLATION MATERIALS

- | | | |
|----------|--|--------------|
| 2 each = | Galv. metal flasher-gate signal found. (48" tall with base plate) | L. & W. Ind. |
| 1 lot = | 7c x #6 ug. signal cable (bronze taped wrapped) | Okonite |
| 1 lot = | 7c x #9 ug. signal cable (" ") | " |
| 1 lot = | 2c x #6 ug. twisted track cable | " |
| 4 each = | rubber bootleg kits (track connections) | ----- |
| 4 each = | retainer rail clips | Erico |
| 4 each = | one-shot for 5/8" gnd. rod | " |
| 1 lot = | railhead bonds (3/16" x 6 1/2") | " |
| 5 each = | 5/8" x 8' gnd. rods | ----- |
| 1 lot = | 4" pvc conduit (under roadway & track) | ----- |
| 1 lot = | bondstrand wire | L. & W. |
| 1 lot = | rolls of 33 plus tape | 3-M |
| 1 lot = | fill materials for bungalow & foundations (as needed) | local |
| 1 lot = | crushed rock for topping | local |
| 1 lot = | alum. paint | ----- |
| 1 each = | ac meter loop arrangement | local |
| NOTE = | (contractor will furnish an ac meter loop located close to inst. bungalow. Railroad Owner will furnish ac power to the meter loop arrangement) | |